

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	3	"4243375".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/07 08:50
S1	31	(schwendemann near (franz or "f"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/04 14:27
S2	0	(10/588357).APP.	USPAT; USOCR	OR	OFF	2008/08/05 11:03
S3	0	(10/581067).APP.	USPAT; USOCR	OR	OFF	2008/08/05 11:08
S4	4	("3508593", "3918345", "4993277", "6272942").pn.	USPAT	OR	OFF	2008/08/05 11:19
S5	1	("20030172761")	US-PGPUB	OR	OFF	2008/08/05 11:19
S6	0	DE-3150572-\$.did.	EPO	OR	OFF	2008/08/05 11:20
S7	0	DE-3150572A-\$.did.	EPO	OR	OFF	2008/08/05 11:20
S8	0	"3150572"	EPO	OR	OFF	2008/08/05 11:20
S9	17	("2341968"   "2534536"   "3285630"   "3339426"   "3848477"   "4652781"   "5186068"   "5213000"   "5365801"   "5777411"   "5794480"   "5886437"   "6044723").PN. OR ("6272942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:22
S10	43	("2473267"   "2698131"   "2803507"   "3641832"   "4696587"   "4746231"   "4890683"   "5834662"). PN. OR ("6044723").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:40

S11	16	("20040029671"   "5044454"   "5433294"   "6044723"   "6357313"   "6390230"   "6491131"   "6550567"   "6705176"   "6708796"   "6761244"   "6763738"   "6769507"   "7077235"   "7100734"   "7188700").PN. OR ("7360467").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:41
S12	6	("6390230").PN. OR ("6708796").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:46
S13	15	("4116085"   "4222282"   "4382389"   "4572314"). PN. OR ("6390230").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:48
S14	15	("2446393"   "4415054"). PN. OR ("4572314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 11:52
S15	12	("20010040067"   "20020017420"   "20020096005"   "20020121401"   "20040029671"   "5044454"   "6044723"   "6357313"   "6708796"   "6761244"   "6763738"). PN. OR ("7188700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:15
S16	22	("0854999"   "1072282"   "1443685"   "2335606"   "3429201"   "4407544"   "4586393"   "4664211"   "4979404"   "4993277"   "5078225"   "5445237"   "5456330"   "6044723"). PN. OR ("6269709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:19
S17	22	("3650004"   "4290181"   "5090261").PN. OR ("5213000").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:23
S18	12	("4265498"   "4618273"   "5090261"   "5212999"   "5213000"   "5486054"   "5555124"   "5886438"   "5927869"   "6190053"). PN. OR ("6604860").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:25
S19	22	("3650004"   "4290181"   "5090261").PN. OR ("5213000").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:25
S20	5	("5144738"   "5212999"   "5213000"   "5777413"   "5886438").PN. OR ("6951424").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:26
S21	19	("4199861"   "4455498"). PN. OR ("5144738").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:28

S22	32	("1618877"   "2030260"   "2847593"   "4199861"   "4321748"   "4455498"   "4845396"   "4914332"   "5089736"   "5144738"   "5152588"   "5204567"   "5254893").PN. OR ("5485044").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:30
S23	44	("3218383"   "3259963"). PN. OR ("4290181").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:36
S24	21	("3511920"   "3549218"   "3600965"   "4452541"   "4652781"   "4742726"). PN. OR ("4993277").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:40
S25	12	("4225199"   "4993277"   "5794480"   "5886437"   "5924326"   "5971617"   "6269709"   "6393929"   "6481306"   "6486577"   "6789443"   "6965180"). PN. OR ("7258036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:40
S26	18	("3455174"   "4748865"   "4899608"   "4995568"   "5040430"   "5062241"   "5178026"   "5212999"   "5267482"   "5956998"). PN. OR ("6393929").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:41
S27	32	("1072282"   "1453239"   "1879357"   "2109053"   "3061386"   "3268268"   "3428372"   "3848477"   "3910510"   "3976340"   "4040307"   "4683770"   "4885948"   "4993277"   "5044789"   "5186068"   "5439299"   "5605071"   "5777411"   "5794480"   "5887353"   "6016716"   "6044723"   "6655847"   "6805017").PN. OR ("7201075").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:43
S28	21	("1072282"   "3268268"   "3848477"   "4683770"   "4885948"   "4993277"   "5186068"   "5605071"   "5777411"   "5794480"   "5887353").PN. OR ("6763738").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:47
S29	9	("3511920").URPN.	USPAT	OR	OFF	2008/08/05 12:51
S30	25	("2293930"   "2352982"   "2656740"   "2807813"). PN. OR ("3918345").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 12:52

S31	15	("3508593").URPN.	USPAT	OR	OFF	2008/08/05 12:55
S32	1	(10/411897).APP.	USPAT; USOCR	OR	OFF	2008/08/05 13:04
S33	9	("4790202"   "5212999"   "5213000"   "5777411"   "5794480"   "5886437"   "6393929").PN. OR ("6843148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:04
S34	7	("2987349", "2932975", "2781191", "4652781").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:10
S35	4	("2987349", "2932975", "2781191", "4652781").pn.	USPAT	OR	OFF	2008/08/05 13:10
S36	29	("2922220"   "3011605"   "3726370"   "3826934"   "4246991"   "4347452"   "4369387").PN. OR ("4652781").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:18
S37	29	("2734393"   "3067627"   "3523599"   "3742781"   "3848477"   "3972597"   "4023430"   "4542814"   "4652781"   "4699017"   "4791831").PN. OR ("4987791").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:20
S38	1339	(74/425).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:28
S39	95	(74/89.34).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:29
S40	3129	(74/606R).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:29
S41	0	(74/412).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:29
S42	218	(74/412R).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:29

S43	35	("0790875"   "2422933"   "2639394"   "3121396"   "3143897"   "3152488"   "3196301"   "3879623"   "3909646"   "4087709"). PN. OR ("4369387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:33
S44	0	S40 near (self with cut\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:36
S45	1	("2987349").URPN.	USPAT	OR	OFF	2008/08/05 13:38
S46	1	("2932975").URPN.	USPAT	OR	OFF	2008/08/05 13:39
S47	1	("2781191").URPN.	USPAT	OR	OFF	2008/08/05 13:39
S48	2	("4318573", "6486577"). pn.	USPAT	OR	OFF	2008/08/05 13:42
S49	7	("3511920"   "5169245"   "5212999"   "5747903"   "5777411").PN. OR ("6486577").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 13:43
S50	323	(74/89.14).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 13:44
S51	0	S40 near cut\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 16:03
S52	15	("2293930").URPN.	USPAT	OR	OFF	2008/08/05 16:18
S53	0	crosspiece and (self near cut\$3) and lock\$3 and entrain\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 16:20
S54	100	screw and (self near cut\$3) and lock\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 16:21

S55	48	("4548008" "4772169" "5445658" "5600987" "5851007" "5908336" "6119818" "6382424" "6458027" "4310070" "4379430" "4519511" "4625507" "6209686" "6209686" "4056196" "4097359" "4342933" "4343298" "4372090" "4377925" "4401165" "4409770" "4412688" "4437288" "4448744" "4474395" "4488535" "4505345" "4508063" "4537157" "4541529" "4542832" "4544172" "4585193" "4775317" "4800714" "4813263" "4832087" "4833998" "4842099" "4887402" "4890634" "4893441" "4955819" "5190236" "5261204" "5273153" "5287816" ).pn.	USPAT	OR	OFF	2008/08/05 16:40
S56	1	( "20070186709" ).pn.	US-PGPUB	OR	OFF	2008/08/05 16:41
S57	27	("3382668"   "3779003"   "4392344"   "4570437"   "4590961").PN. OR ("4800714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 16:43
S58	15	("3508593").URPN.	USPAT	OR	OFF	2008/08/05 16:46
S59	23	("2086568"   "3000066"   "3255795"   "3508593"   "3577603"   "3764446"   "4478545"   "4555206"   "4670136"   "4743048"   "4759670"   "4761860"   "4932818").PN. OR ("5000637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 16:56
S60	6	("3000066").URPN.	USPAT	OR	OFF	2008/08/05 16:59
S61	23	("2899700"   "3000066"   "3037596"   "3411816"   "3771275"   "4122583"   "4136598"   "4214505"   "4312165"   "4472918"   "4631887").PN. OR ("4717301").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:01
S62	30	("3916756"   "4136598"). PN. OR ("4214505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:03

S63	36	("0170190"   "2058020"   "2111456"   "2909957"   "2927497"   "3244057"   "3304106"   "3494244"   "3810279"   "3982363"   "4003175"   "4214505"   "4402641"   "4551189"   "4576532"   "4900210"   "4976578"   "5306098"   "5393185").PN. OR ("5672038").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:05
S64	24	("3494244"   "4381633"   "4396329"   "4704059"   "4762437"   "5011356"   "5039267").PN. OR ("5306098").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:07
S65	19	("3177540"   "3810279"   "4396329"   "4728238"   "4902182"   "4938645"   "5306098"   "5393185"   "5468108").PN. OR ("5718025").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:11
S66	18	("3244057"   "3466966"). PN. OR ("4900210").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:13
S67	7	("2927497"   "3483787"   "3810279"   "4214505"   "4318208").PN. OR ("D269759").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:16
S68	26	("0665901"   "1817775"   "2926409"   "3093874"   "3169292"   "3736834"   "3810279"   "3852849"). PN. OR ("4318208").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:17
S69	46	("1971726"   "2853913"   "3080629"   "3137952"   "3412437"   "3810279"   "3991446"   "4270328"   "4318208").PN. OR ("4396329").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:18
S70	21	("4100997"   "4195709"   "4241543"   "4381633"   "4393551"   "4396329"). PN. OR ("4610330").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:19
S71	24	("0165403"   "0601849"   "1729963"   "2064803"   "2511077"   "4100997"   "4241543"   "4610330"   "4655318"   "4660681"   "4702349"   "4771861"   "4778032"   "4869342"   "5427198"   "5752579"   "5772358").PN. OR ("5967256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:20

S72	22	("3139784"   "3466966"   "3745612"   "3810279"   "4214505").PN. OR ("D268006").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:25
S73	35	("0790875"   "2422933"   "2639394"   "3121396"   "3143897"   "3152488"   "3196301"   "3879623"   "3909646"   "4087709").PN. OR ("4369387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:32
S74	19	("4369387"   "4382200"   "4452541"   "4734600"   "4790202"   "4885948"   "4900957"   "5168186"   "5212999"   "5325736"   "5352950"   "5387835"   "5747903"   "5912520"   "6229233"   "6507132"   "6507135"   "6707177"   "6708796").PN. OR ("6867516").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:33
S75	20	("2829288"   "3513339"   "3644066"   "3705752"   "3720852"   "3749457"   "3922041"   "3935489"   "4452541"   "4519010"   "4955791").PN. OR ("6507135").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:35
S76	14	("1433037"   "1769374"   "2564307"   "2703381"   "2904709").PN. OR ("3705752").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:38
S77	33	("3251260"   "3903669"   "4233878"   "4457050"   "4759670"   "4953277"   "4984947"   "5000637"   "5296902"   "5311265"   "5377399"   "5381304"   "5527123"   "5561496"   "5564847"   "5581328"   "5619309"   "5638161"   "5729795"   "5774766"   "5870654"   "5890036"   "5920753"   "5966566"   "6029031"   "6118958"   "6173140"   "6208818"   "6272300"   "6327448").PN. OR ("6499924").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 17:53
S78	0	screw and (cut\$3 with into with housing) and lock\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 18:01



S79	0	(cut\$3 with into with housing) and lock\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 18:01
S80	0	(cut\$3 with into with housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 18:02
S81	76490	(cut\$3 with housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 18:02
S82	31	(411/387.7).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 18:10
S83	328	(411/510).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 18:10
S84	80	S83 and cut\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 18:12
S85	480	(411/913).OCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 18:31
S86	58	(US-20030172761-\$ or US-20030231943-\$).did. or (US-6272942-\$ or US-5886437-\$ or US-6044723-\$ or US-7360467-\$ or US-6708796-\$ or US-6390230-\$ or US-4572314-\$ or US-7188700-\$ or US-6269709-\$ or US-7258036-\$ or US-5777411-\$ or US-5213000-\$ or US-6604860-\$ or US-5212999-\$ or US-6951424-\$ or US-5144738-\$ or US-5485044-\$ or US-4290181-\$ or US-4993277-\$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 18:33

		6393929-\$ or US-6564666-\$ or US-7201075-\$ or US-6763738-\$ or US-7100734-\$ or US-3918345-\$ or US-6261040-\$.did. or (US-5395195-\$ or US-5242253-\$ or US-3508593-\$ or US-5000637-\$ or US-6843148-\$ or US-4652781-\$ or US-4987791-\$ or US-4369387-\$ or US-2987349-\$ or US-2932975-\$ or US-6486577-\$ or US-1696921-\$ or US-6499924-\$ or US-3000066-\$ or US-4214505-\$ or US-5672038-\$ or US-5306098-\$ or US-6979163-\$ or US-5718025-\$ or US-4900210-\$ or US-D269759-\$ or US-4318208-\$ or US-4396329-\$ or US-D268006-\$ or US-D298736-\$ or US-6867516-\$ or US-6507135-\$.did. or (US-3705752-\$.did. or (US-2293930-\$ or US-2352982-\$.did.				
S87	16	S86 and cut\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/05 18:33
S88	13	("3170739"   "4050130"   "4742726"   "4993277"   "5169245"   "5212999").PN. OR ("5886437").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/05 18:41
S89	10	ridge and crosspiece and sharp and lock and plane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/05 18:48
S90	20	("2829288"   "3513339"   "3644066"   "3705752"   "3720852"   "3749457"   "3922041"   "3935489"   "4452541"   "4519010"   "4955791").PN. OR ("6507135").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 08:21

S91	19	("4369387"   "4382200"   "4452541"   "4734600"   "4790202"   "4885948"   "4900957"   "5168186"   "5212999"   "5325736"   "5352950"   "5387835"   "5747903"   "5912520"   "6229233"   "6507132"   "6507135"   "6707177"   "6708796").PN. OR ("6867516").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 08:47
S92	20	("3295154"   "3455360"   "3800585"   "3818749"   "3850074"   "3868871"   "3878759"   "3918345"   "3934444"   "3945272"   "4315340").PN. OR ("5395195").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 09:17
S93	18	("3295154"   "3842877"   "4010671"   "4040328"   "4067256"   "4069730"   "5246322"   "5326208"   "5395195"   "5725342"   "5795120"   "5964560"   "6077015"   "6540462"   "6935636"   "RE24572"). PN. OR ("7179036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 09:18
S94	35	("0328139"   "3083609"   "3209383"   "3370501"   "RE06571").PN. OR ("4069730").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 09:20
S95	12	("3209383").URPN.	USPAT	OR	OFF	2008/08/06 09:24
S96	1	"20040012280"	US-PGPUB	OR	OFF	2008/08/06 09:33
S97	1	DE-10160845-\$.did.	EPO; DERWENT	OR	OFF	2008/08/06 11:20
S98	14	(S90 or S91 or S92 or S93 or S94) and ridge	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:29
S99	8	("3104161"   "3683437"   "4069730"   "4259889"   "4637767"   "5795120"). PN. OR ("6468014").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:33
S100	16	(S90 or S91 or S92 or S93 or S94) and (high with torque)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:38
S101	20	("3295154"   "3455360"   "3800585"   "3818749"   "3850074"   "3868871"   "3878759"   "3918345"   "3934444"   "3945272"   "4315340").PN. OR ("5395195").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:46

S102	17	("2278411"   "2871751"   "3083609"   "3207024"   "3370501"   "4042342"   "4069730"   "4104446"   "4259889"   "4486135"). PN. OR ("4572875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 12:50
S103	17	("2278411"   "2871751"   "3083609"   "3207024"   "3370501"   "4042342"   "4069730"   "4104446"   "4259889"   "4486135"). PN. OR ("4572875").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/06 14:08

8/ 7/ 2008 12:03:46 PM

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